USER INFORMATION

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION ! TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Explanation of two Symbols

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance-(servicing) instructions in the literature accompanying the appliance.

THE GRAPHIC SYMBOLS WITH SUPPLEMENTAL MARKING ARE ON THE BOTTOM OF THE SYSTEM.
"WARNING-TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE"

SPECIFICATIONS

MODEL	HIGH RESOLUTION		NORMAL RESOLUTION	
Signal System	NTSC	PAL	NTSC	PAL
Image Sensor	1/3" High Sensitivity CCD			
Effective Pixels	768(H)x494(V)	752(H)x582(V)	510(H)x492(V)	500(H)x582(V)
Scanning Frequecy(H)	15.734 KHz		15.625 KHz	
Scanning Frequecy(V)	59.94 Hz		50 Hz	
Resolution	600TV Lines		420TV Lines	
Video Output	1.0Vp-p (75Ω, composite)			
S/N Ratio	50dB Min (AGC off)			
Lens	Bulit-in Fixed Lens, f=6mm (Option:12mm)			
Min Illunination	0.05 Lux (High) , 0.01 Lux (Normal) , 0 Lux (IR LED On)			
IR LED	Intelligent IR , IR LED 36EA			
IR LED Visible Range	Max 30m			
White Balance	Auto			
AGC	Auto			
Shutter Speed	NTSC - 1/60 ~ 1/120,000 sec , PAL - 1/50 ~ 1/120,000 sec			
Supplied Voltage	10V DC ~ 15V DC (Recomendation 12V DC ± 0.5V DC)			
Power Consumption	0.5A (Max 6.0W)			
Dimensions	78.0 × 150.0mm			
Operating Temperature/Humidity	-10°C to +50°C / 30% to 80% RH			
Storage Temperature/Humidity	-20°C to +60°C / 20% to 90% RH			
Weight	Approx.800g			

OWNER'S MANUAL

DIGITAL IR CAMERA SERIES

Ver.1008E P/N:3810-0230A

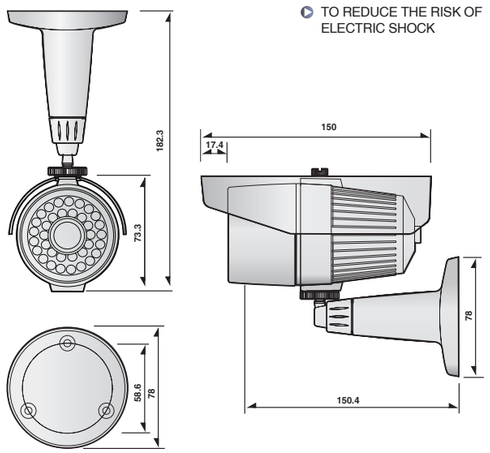
DIGITAL

Design and specifications are subject to change without notice.

Intelligent IR

DIMENSIONS(mm)

TO REDUCE THE RISK OF ELECTRIC SHOCK



Regulatory Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.These limits are designed to provide reasonable protection against harmful interference in a commercial environment.
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and use in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause interference, in which case the user will be required to correct the interference at his own expense.

WARNING >>
Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION >>
When this camera is installed near equipment, like a wireless communication device that emits a strong electromagnetic field, some irregularity such as noise on the monitor screen may happen.

TROUBLESHOOTING

If you have trouble operating your camera, refer to the following.
If the guidelines do not enable you to solve the problem, contact an authorized technician.

The image does not appear on the screen.	• Check the power source for the monitor and camera and ensure that the voltage and polarity are properly connected and being supplied correctly.
The image on the screen is dim.	• Check if the lens is stained. If dirty, clean the lens with a soft, clean cloth. • Adjust the Back Focus of the lens again.
The camera does not work properly, the surface of the camera case is hot, and a black line appears on the screen.	• Check if you have connected the camera to a proper power source and If there is no problem with the power, turn the unit off immediately and seek assistance from our Customer Service department.
The screen blinks a lot.	• Check if the camera is pointed toward the sun or a fluorescent lamp. • Adjust the angle or location of the camera if too much light is coming into the screen.